

FIG. 1

Pre-larvae Removed from Eggs Falling into Dormancy
(frozen in liquid nitrogen)

Homogenization in 90% Acid-Methanol Solution
(methanol : water : acetic acid=90 : 9 : 1)

Centrifugal Vaporizer

Heat Treatment
(100°C for 10 minutes)

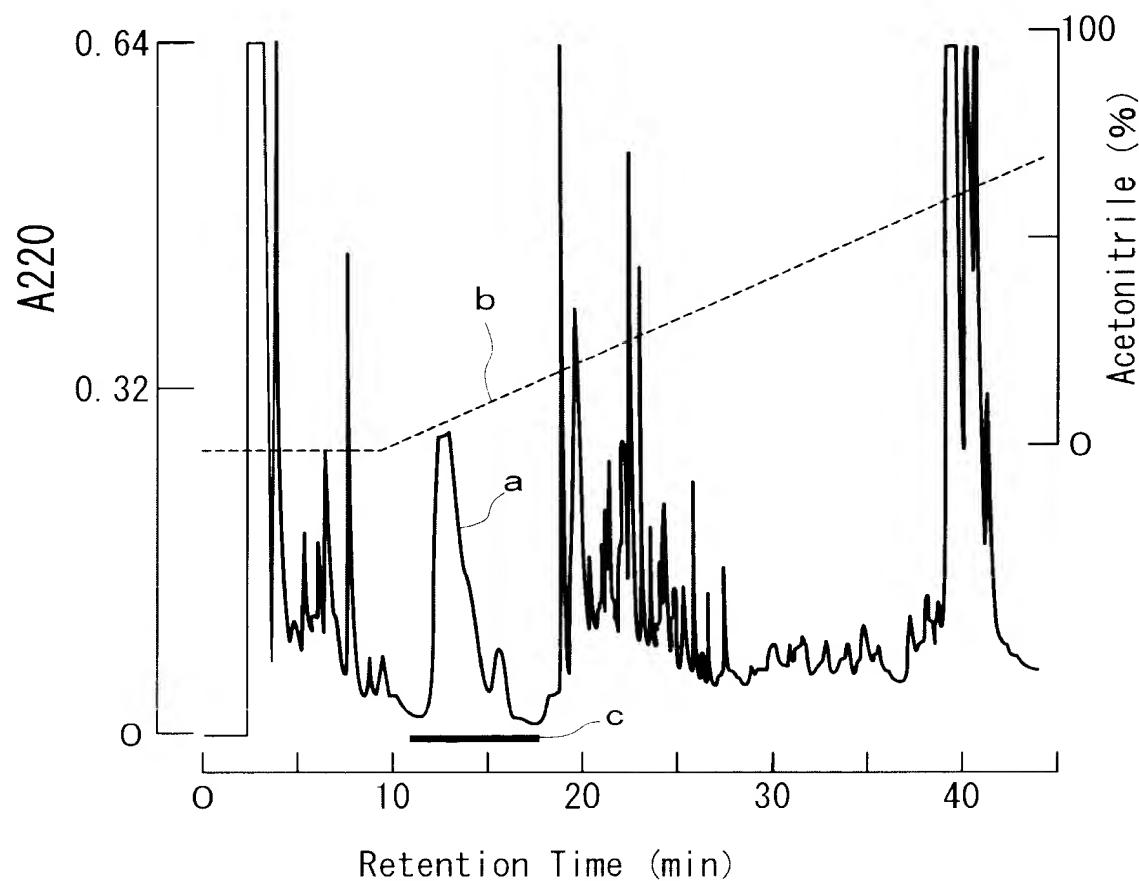
Precipitation with 80% Acetone Solution

RP-HPLC (TSKgel ODS-80Ts) × 2

HPLC (RSpak NN-614) × 1

Sequencing of N-Terminal Amino Acid Sequence

FIG.2

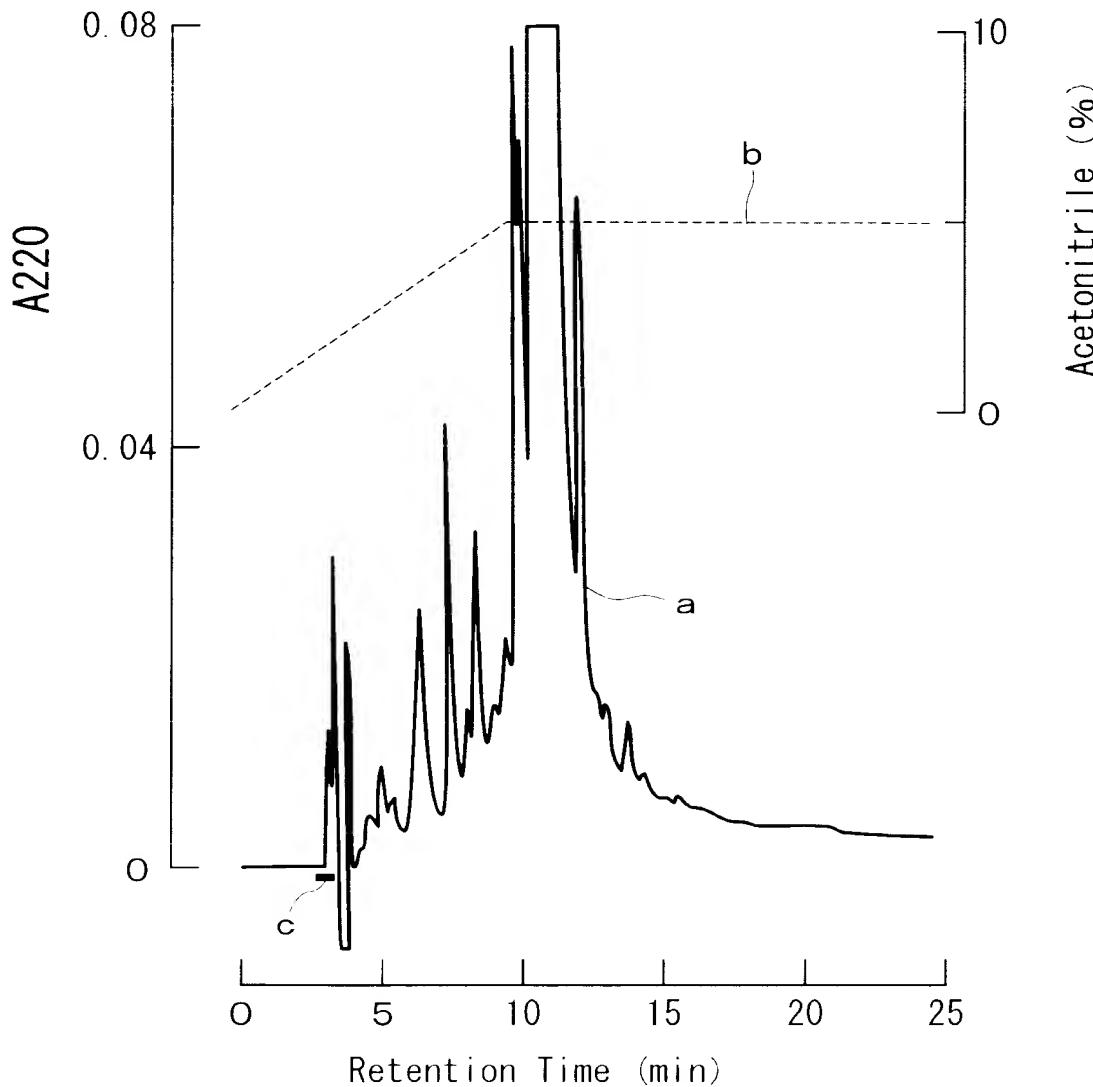


a : Reverse phase HPLC pattern observed for the precipitates obtained after the treatment with a 80% acetone solution, using TSKgel ODS-80Ts column

b : Acetonitrile concentration in a 0.1% TFA aqueous solution

c : Active fractions of repressive factor

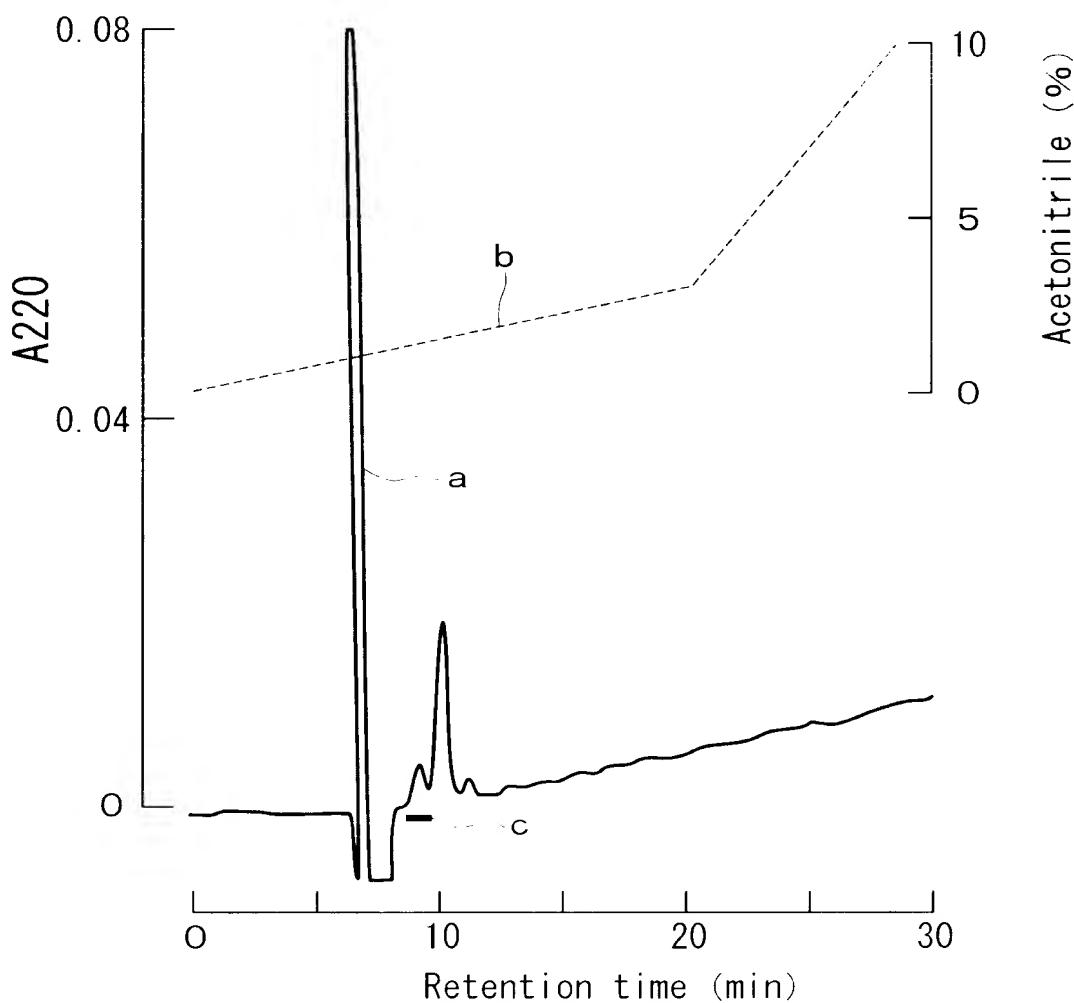
FIG.3



a : Reverse phase HPLC pattern observed for the active fraction recovered through the 1st HPLC(FIG.2), obtained using TSKgel ODS-80Ts column

b : Acetonitrile concentration in a 0.1% TFA aqueous solution
c : Active fractions of repressive factor

FIG.4



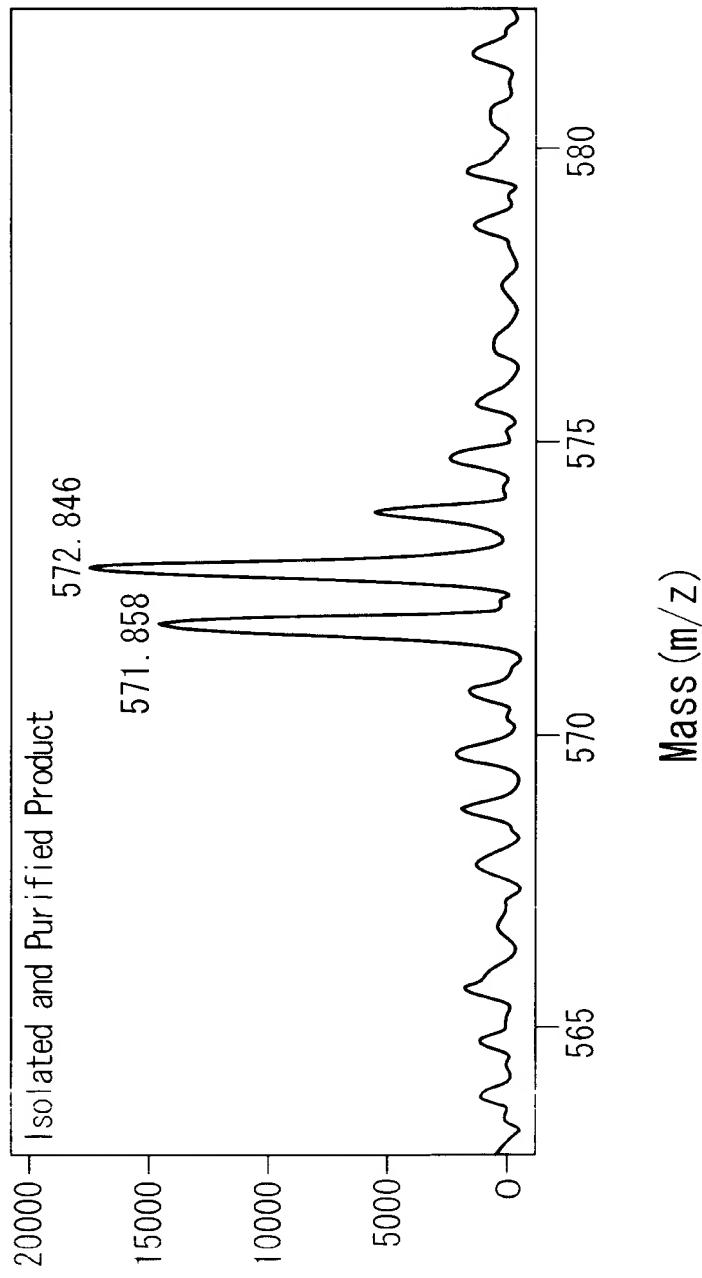
a : HPLC pattern observed for the active fraction recovered through the 2nd HPLC(FIG.3), obtained using Rspak NN-614 column

b : Acetonitrile concentration in a 0.1% TFA aqueous solution

c : Active fractions of repressive factor

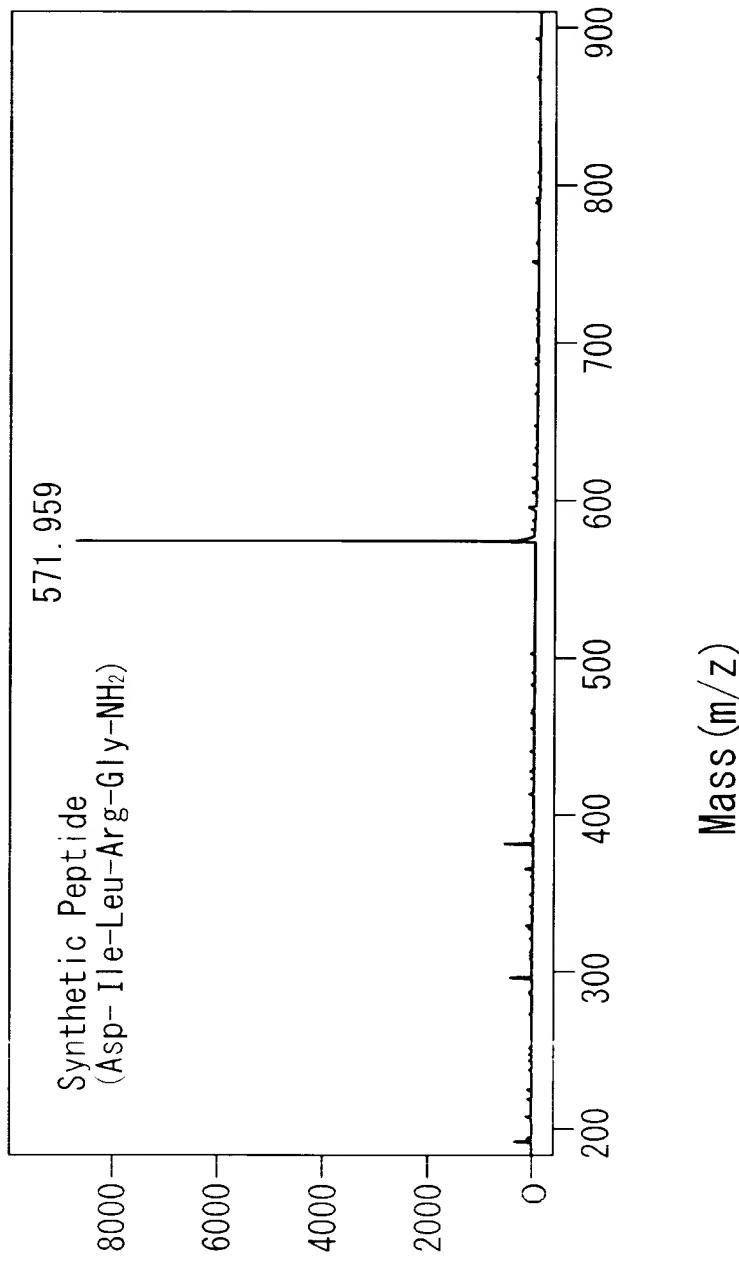
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FIG.5



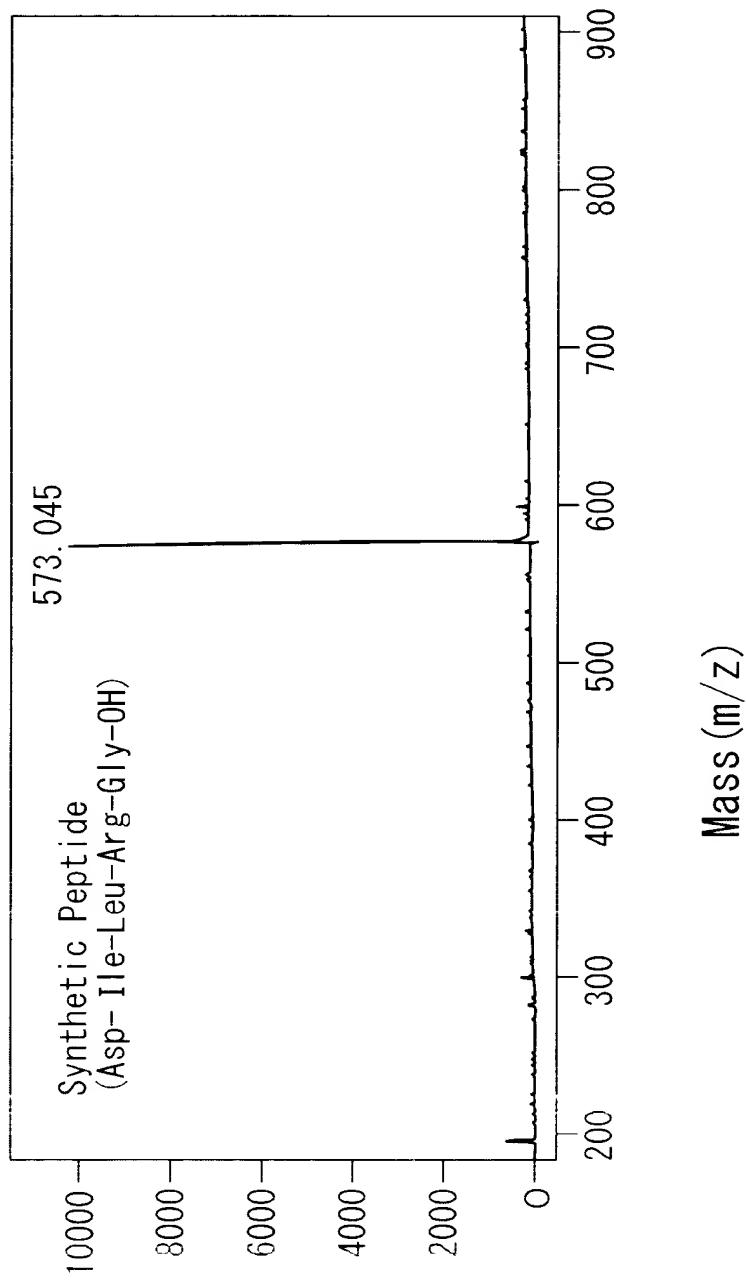
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FIG. 6



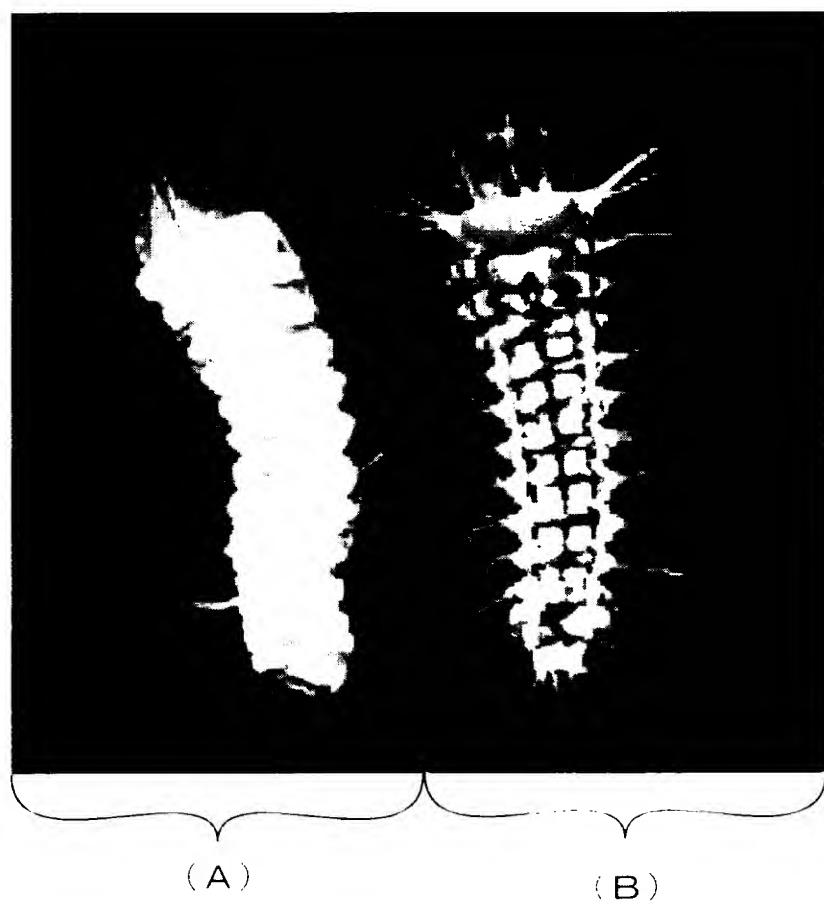
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FIG. 7



09/674436

FIG.8



09/674436

FIG. 9

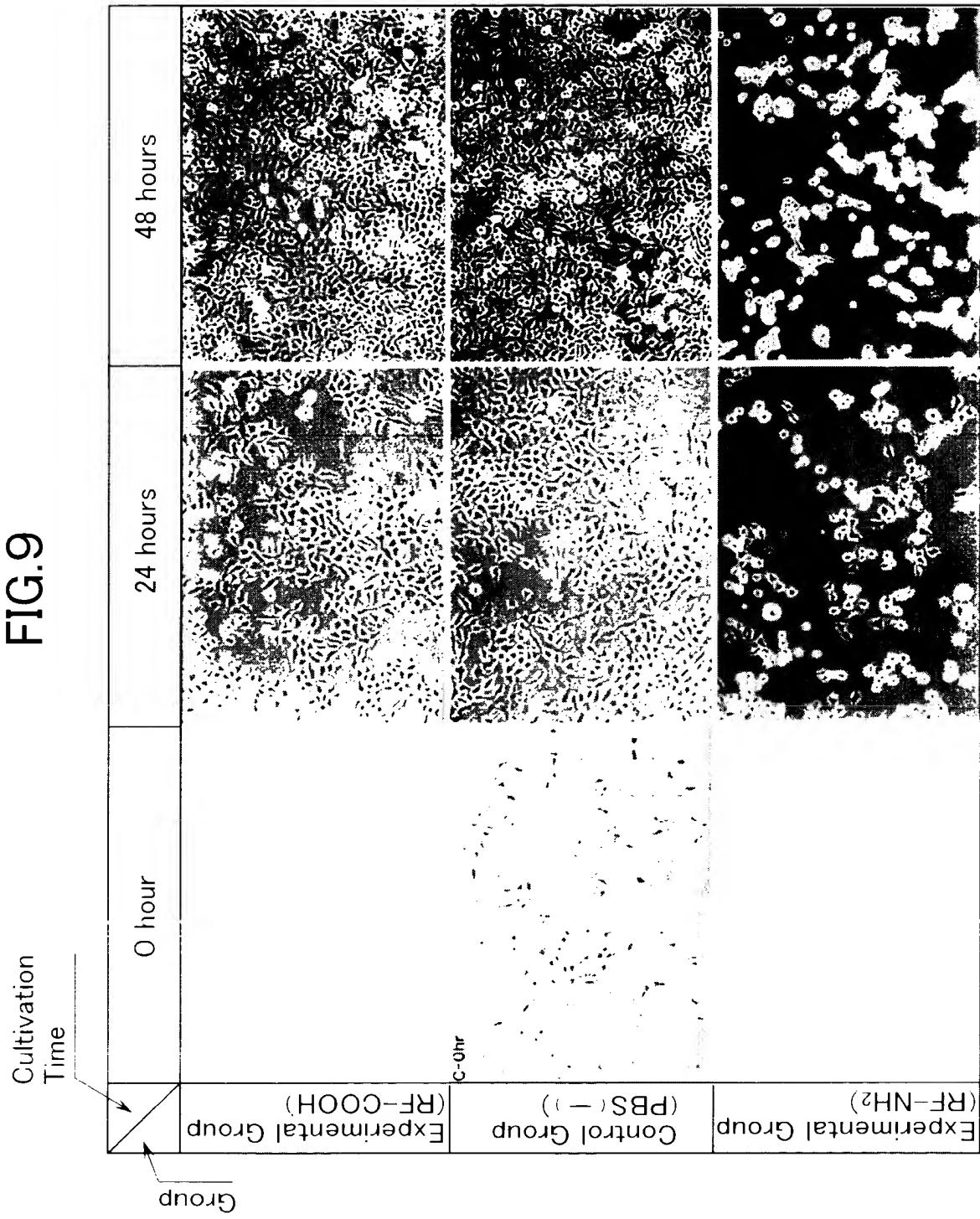


FIG.10

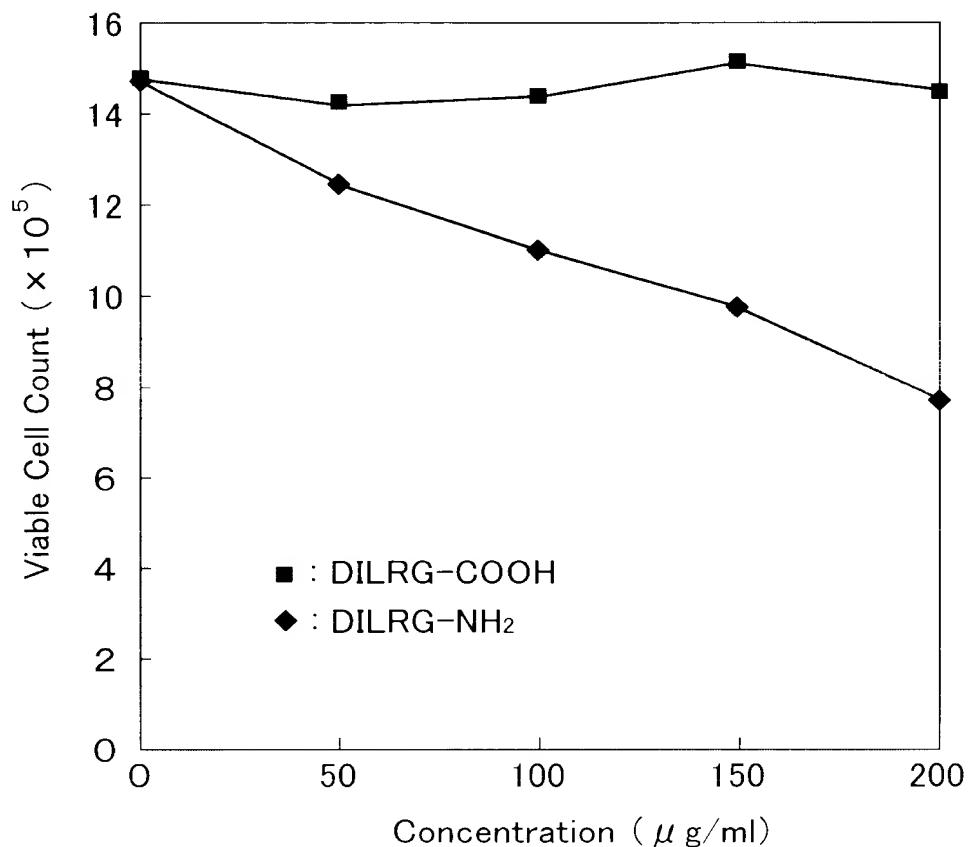
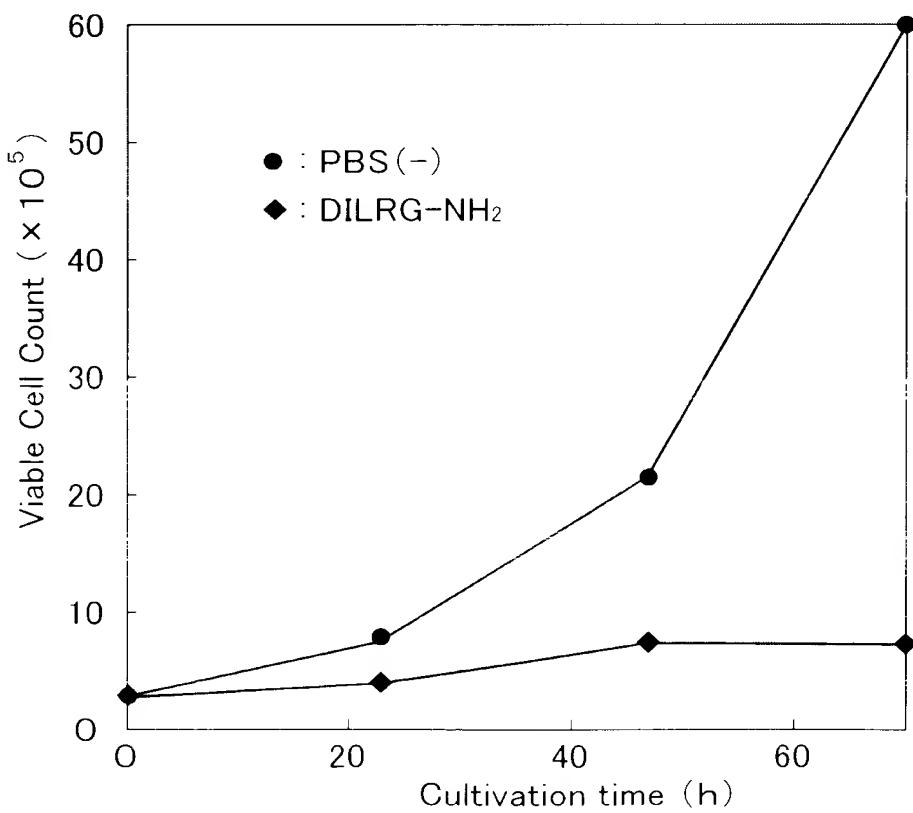


FIG.11



09/674436

FIG.12A

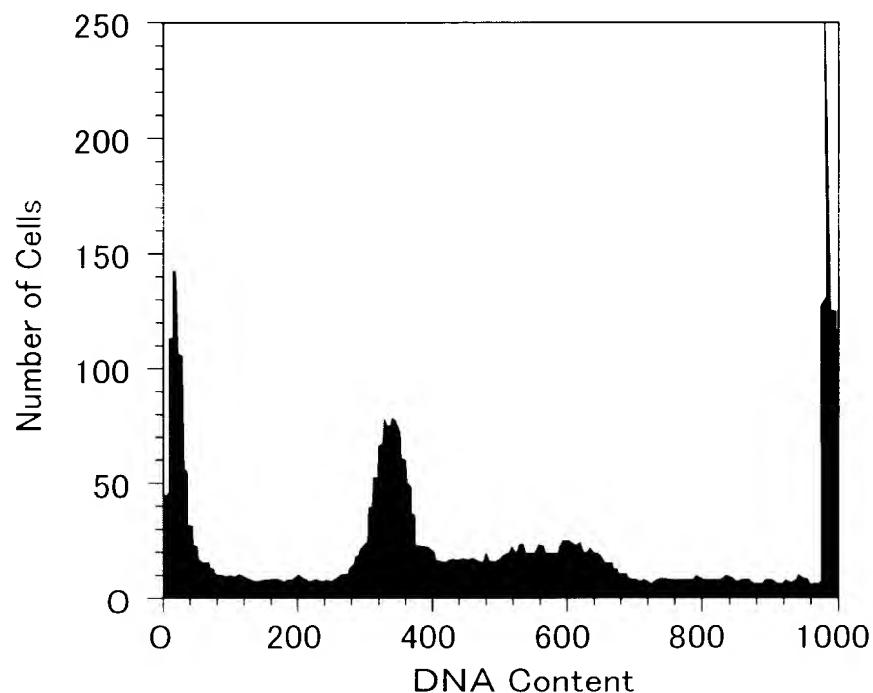
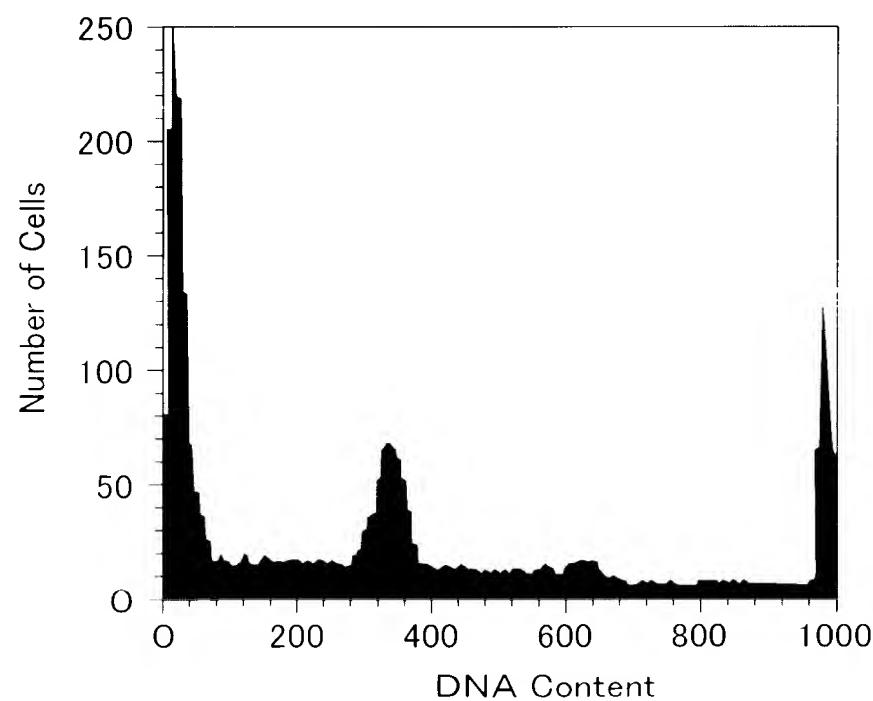


FIG.12B



09/674436

FIG.13

